








COMPUTATION OF COORDINATES AND HEIGHT BY INTERSECTION (FED MSR)

For use of this form, see FM 6-2; the proponent agency is TRADOC.

COMPUTER:	NOTEBOOK REFERENCE:	DATE:
CHECKER:	AREA:	SHEET OF SHEETS
INSTRUCTIONS		NOTES
1. Select SURVEY CALC (option B) from the MODE MENU.		1. Press ENTER to display the window of legal entries.
2. Select INTERSECTION (option N) from the SURVEY CALCULATIONS MENU.		2. Enter field data in blocks marked  .
3. Select the desired record from the INTERSECTION SUMMARY LIST.		3. Remove window of legal entries by pressing ENTER before pressing the C key to calculate.
4. Observe the required fields, and enter the desired data.		4. Two intersection computations can be recorded on this form.
REQUIRED FIELDS	DATA RECORD	
NAME OF OB POST 1: ?	NAME 01:	NAME 01:
ENTER EAST OF OB POST 1: ?	EASTING 01:	EASTING 01:
ENTER NORTH OF OB POST 1: ?	NORTHING 01:	NORTHING 01:
ENTER HEIGHT OF OB POST 1: ?	HEIGHT 01 (METERS):	HEIGHT 01 (METERS):
NAME OF OB POST 2: ?	NAME 02:	NAME 02:
ENTER EAST OF OB POST 2: ?	EASTING 02:	EASTING 02:
ENTER NORTH OF OB POST 2: ?	NORTHING 02:	NORTHING 02:
RECORD DIST OB POST 1/OB POST 2:	DIST 01 TO 02 (METERS):	DIST 01 TO 02 (METERS):
RECORD AZ OB POST 1/OB POST 2:	AZIMUTH 01 TO 02 (MILS):	AZIMUTH 01 TO 02 (MILS):
ENTER AZ OB POST 1/TARGET: ?	AZ 01 TO TARGET (MILS): 	AZ 01 TO TARGET (MILS): 
ENTER VERT ANGLE OB POST 1/TARGET: ?	VERT ANGLE 01 TO TARGET (MILS):  ±	VERT ANGLE 01 TO TARGET (MILS):  ±
ENTER AZ OB POST 2/TARGET: ?	AZ 02 TO TARGET (MILS): 	AZ 02 TO TARGET (MILS): 
RECORD TARGET NO:	TGT NO:	TGT NO:
RECORD TGT EASTING:	EASTING OF TGT:	EASTING OF TGT:
RECORD TGT NORTHING:	NORTHING OF TGT:	NORTHING OF TGT:
RECORD TGT HEIGHT:	HEIGHT OF TGT:	HEIGHT OF TGT:
REMARKS/SKETCH:		